



PUBLIC NOTICE

File Number: NRS 14.030

Pursuant to Chapter 0400-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

APPLICANT: Melanie Bumpus
Tennessee Department of Transportation
505 Deaderick Street, Suite 900
Nashville, TN 37243
615-253-2466

LOCATION: Knoxville, Knox County, TN

STR-1

Impact #1	Latitude:35.9755	Longitude:-83.9622
Impact #2	Latitude:35.9755	Longitude:-83.9622
Stream Crossing #3	Latitude:35.9751	Longitude:-83.9595
Stream Crossing #4	Latitude:35.9704	Longitude:-83.9549

PROJECT DESCRIPTION:

The applicant proposes to widen State Route 62 in Knox County from the existing two-lane section to a four-lane section. In addition, the proposed project involves the intersection relocation of SR-62 and Keith Avenue, the widening of Massachusetts Avenue and Hawkins Street from SR-62 to Tennessee Avenue, and the installation of one 606-foot span bridge and one 270-foot span bridge. Mitigation will not be required for the proposed project.

The applicant is proposing to install two culverts and associated rip-rap along two stream channels, East Fork Third Creek (STR-2) and an unnamed tributary to East Fork Third Creek (STR-1). The applicant is further proposing to relocate 82 feet of STR-1 and install two span bridges over STR-2. Approximately 53 linear feet of STR-2 will require stream bank stabilization. The existing gas, telephone, water and sanitary sewer utility lines associated with SR-62 are proposed to be removed and relocated along the length of the proposed expansion.

Location 1

Unnamed Tributary to East Fork Third Creek (STR-1)
Stream Impact Length: 169 feet
Latitude 35.9755 Longitude: -83.9622

Existing Stream Conditions: The stream channel at this location is 2-3 feet wide at the channel bottom and 4-6 feet wide at the top of bank. Water depth is 1 foot and the channel depth is 1 foot. A 39-foot long box culvert and 181 feet of dual pipe culverts are currently in use at Location 1.

Proposed Conditions: The existing box culvert will remain with the addition of a 104-foot box culvert extension and 30 feet of rip rap at the box culvert outlet. STR-1 is proposed to be relocated and the existing dual pipe culverts will be abandoned in place. An additional 35 feet of rip rap will be placed along STR-1 at the confluence of STR-1 and STR-2.

Mitigation: The applicant will offset these impacts by reducing the amount of encapsulation of STR-1 by 77 feet and increasing the length of the STR-1 by 15 feet.

Location 2

East Fork Third Creek (STR-2)

Stream Impact Length: 220 feet

Latitude 35.9755 Longitude: -83.9622

Proposed Conditions: The 131 feet of existing concrete lined channel and the two existing box culverts will be removed. A 79-foot long box culvert will be installed with 50 feet of rip at the culvert outlet. An additional 91 feet of rip rap will be placed along STR-2 at the confluence of STR-1 and STR-2.

Mitigation: The applicant will offset these impacts by reducing the amount of encapsulation of STR-2 by 105 feet.

Location 3

East Fork Third Creek (STR-2)

Stream Impact Length: 0

Latitude: 35.9751 Longitude: -83.9595

Proposed Conditions: TDOT is proposing to install a 606-foot span bridge over STR-2. No in-stream impacts are proposed.

Mitigation: No mitigation is required for this activity.

Location 4

East Fork Third Creek (STR-2)

Stream Impact Length: None

Latitude: 35.9704 Longitude: -83.9549

Proposed Conditions: TDOT is proposing to install a 270-foot span bridge over STR-2. TDOT is proposing 53 feet of bank stabilization along STR-2 in association with the span bridge installation.

Mitigation: No mitigation for this activity is required.

DEGRADATION: In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the division has determined that the proposed activities will result in degradation to water quality.

WATERSHED / WATERBODY DESCRIPTION: East Fork Third Creek flows into Third Creek which is part of the Watts Bar Watershed, HUC 06010201. The Watts Bar Watershed is approximately 1,355 square miles and includes parts of eight Tennessee counties. For more information on this watershed please visit the TDEC website at <http://www.tn.gov/environment/water/watersheds/watts-bar.shtml>.

STR-1

Stream Name / ID #: Unnamed tributary to East Fork Third Creek (TN06010201067_0100)
Ecoregion: 67f Southern Limestone/Dolomite Valleys and Low Rolling Hills
Stream Dimension: Channel bottom width 2-3 feet
Chanel top width 4-6 feet
Water depth 1foot
Bank height 1 foot
Substrate: Silt/Gravel

STR-2

Stream Name / ID #: Unnamed tributary to East Fork Third Creek (TN06010201067_0100)
Ecoregion: 67f Southern Limestone/Dolomite Valleys and Low Rolling Hills
Stream Dimension: Channel bottom width 15-18 feet
Chanel top width 20-25 feet
Water depth 1-2 feet
Bank height 4 feet
Substrate: Silt/Gravel

Designated Use	Use Support	Causes
Fish and aquatic life	Not supporting	E. Coli
Recreation	Not supporting	Other anthropogenic causes, Siltation, Sedimentation
Industrial water supply	Fully supporting	
Irrigation	Fully supporting	
Livestock watering & wildlife	Fully supporting	

This stream is unavailable for additional impacts to habitat. The applicant will offset the proposed losses with daylighting of streams on site that are currently encapsulated.

Assessment Date: 2009

PERMIT COORDINATOR: Vena Jones

FACTORS CONSIDERED: In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat,

diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

COMMENTING: Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

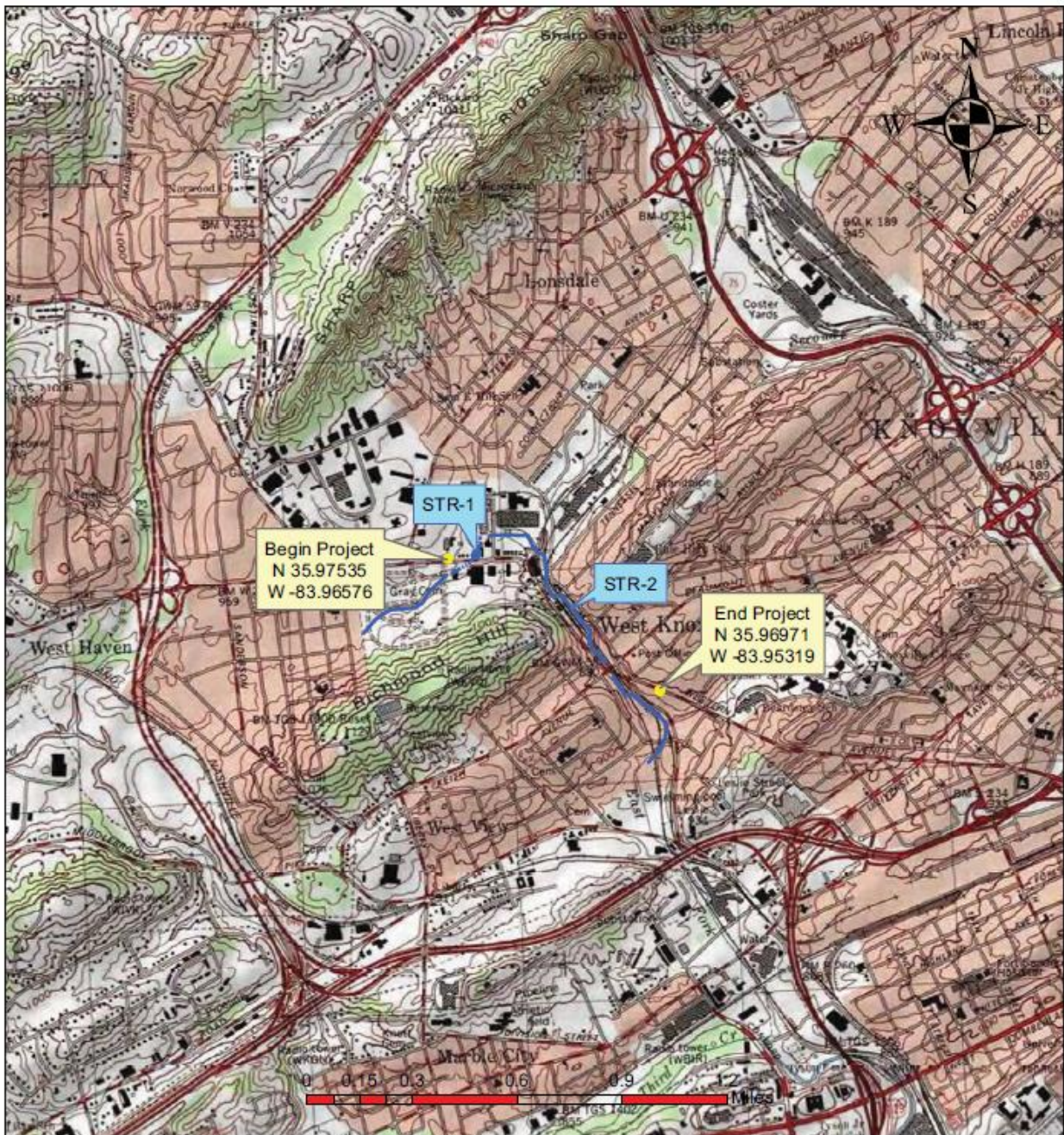
PUBLIC HEARING: Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

APPEAL: A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Dr. Sandra Dudley, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 12th floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

FILE REVIEW: The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation
Division of Water Resources, Natural Resources Unit
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243

Location/Topographic Map





TENNESSEE D.O.T. DESIGN DIVISION FILE NO.



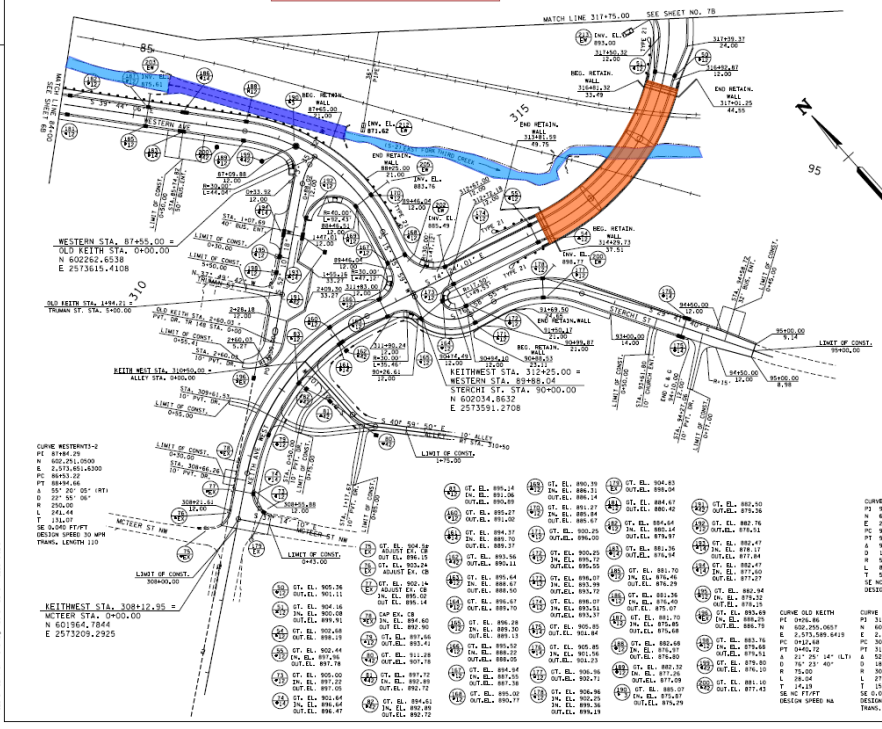
TECHNICAL DATA
SECTION DIVISION
FILE NO.

NOTE:
FOR LIMITS OF STREAM BUFFER
SEE EROSION PREVENTION AND
SEDIMENT CONTROL PLANS.

THE CONTRACTOR SHALL TAKE ANY MEASURE NECESSARY TO ENSURE THAT
PROPOSED EROSION PREVENTION AND SEDIMENT CONTROL MEASURES
CHECK OR UNCHECKED THEREAFTER TO THESE DEEDS AND THAT THE STREAM
AND SURROUNDING VEGETATION WILL NOT BE DISTURBED EXCEPT AT THE
PROPOSED LOCATIONS.

REV.	DATE	PROJECT NO.	SHEET NO.
1	05/04/2010	MD-621341	108
2	05/04/2010	MD-621341	108

REV. 10-10-12: ADDED SHEET TO
PLAN. ADDED MATCH LINE FOR SHEETS
108 AND 109.
REV. 09-13-13: MOVED BUS, ENT. RT.,
WESTERN STA. 89+00.00 TO STA.
89+14.00. CHANGED TO 10' WIDTH.
REVISED PROP. STORM DRAINAGE.



**CONST.
FIELD
REVIEW**

CHECKED BY

COORDINATE VALUES ARE NAD 83/2011
AND ARE SHOWN ACCORDING TO THE
FACTORS LISTS A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VV, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ.

Photos

Photo Summary: SR-62: From Texas Avenue to Major Avenue, Knox County
Project Description: Lane Additions with Curbs and Gutters
P.E.: 47023-1257-14 PIN: 101204.00



Photograph 3 – DSCN3774. N35.97540°, W-83.96227°. View of STR-1 facing upstream and south at the outlet of the existing structure at STA 109+29 L.



Photograph 4 – DSCN3775. N35.97540°, W-83.96227°. View of STR-1 facing downstream and north at STA 109+29 L.

Photo Summary: SR-62: From Texas Avenue to Major Avenue, Knox County
Project Description: Lane Additions with Curbs and Gutters
P.E.: 47023-1257-14 PIN: 101204.00



Photograph 9 - DSCN3792. N35.97612°, W-83.96121°. View of STR-2 (East Fork Third Creek) facing downstream and east at STA 112+50 L.



Photograph 10 - DSCN3798. N35.97612°, W-83.96121°. View of STR-2 (East Fork Third Creek) facing upstream and west toward existing structure beneath Mynderse Avenue at STA 112+50 L.